

REMARKS

In the first Office Action, the Examiner objects to the specification as not providing proper antecedent basis for the claimed subject matter; objects to the drawings for not showing every feature of the invention recited in the claims; and objects to claims 6, 8, and 10 due to informalities. Applicants respectfully traverse.

By way of the present amendment, claims 6, 8, and 10 have been amended to improve form. Claims 1-20 remain pending.

The Examiner objects to the specification under 37 C.F.R. § 1.75(d)(1) as not providing proper antecedent basis for the claimed subject matter. In particular, the Examiner alleges that the specification does not provide antecedent basis for first data, second data, first logic, or second logic (Office Action, pg. 2). Applicants respectfully traverse.

37 C.F.R. § 1.75(d)(1) requires that "[t]he claim or claims must conform to the invention as set forth in the remainder of the specification and the terms and phrases used in the claims must find clear support or antecedent basis in the description so that the meaning of the terms in the claims may be ascertainable by reference to the description." Applicants submit that claims 1-20 satisfy the requirements of 37 C.F.R. § 1.75(d)(1).

Independent claim 1 is directed to a method for transferring data in a network device. The method includes receiving a data frame; generating first data relating to the data frame; transferring the first data to a register; generating second data relating to the data frame; and preventing a transfer of new first data relating to another data frame to the register prior to transferring the second data to the register. Support for "first data"

and "second data," as recited in claim 1, can be found, for example, in paragraph 0010 of Applicants' specification.

Amended independent claim 8 is directed to a network device. The network device includes a port filter to receive a data frame and generate first data relating to the data frame; a first logic device to generate second data for the received data frame; and a second logic device to receive the first data, determine whether the second data has been received, and prevent a transfer of different first data relating to a different data frame from the port filter when the second data has not been received. Support for "first data," "second data," "first logic device," and "second logic device," recited in claim 8 can be found, for example, in paragraph 0010 of Applicants' specification.

Amended independent claim 15 is directed to system for transmitting data in a network device. The system includes a plurality of receiver modules configured to receive packets and generate first data relating to the packets; first logic configured to generate second data for the packets; a plurality of registers corresponding to the receiver modules and configured to store the first and second data for the packets received by the corresponding receiver modules; and second logic configured to determine, for each of the registers, whether first and second data for a received packet has been stored and prevent a transfer of different first or second data for a subsequently-received packet prior to the first and second data being stored. Support for "first data," "second data," "first logic," and "second logic," recited in claim 15 can be found, for example, in paragraph 0011 of Applicants' specification.

For at least the foregoing reasons, Applicants submit that the specification provides proper antecedent basis for the claims. Therefore, Applicants request that the objection to the specification under 37 C.F.R. § 1.75(d)(1) be reconsidered and withdrawn.

The Examiner objects to the drawings for not showing every feature of the invention recited in the claims. In particular, the Examiner alleges that "the first and second data of a data frame, and the first and second logic, must be shown or the feature(s) canceled from the claim(s)" (Office Action, pg. 2). Applicants submit that the drawings already depict these claim elements.

With respect to first data relating to a data frame and second data relating to the data frame, Applicants direct the Examiner's attention to Fig. 4. In one implementation, the first data corresponds, for example, to the contents of port filter buffer 352 (see, for example, paragraph 0063 of Applicants' specification). In one implementation, the second data corresponds, for example, to the contents of IRC buffer 354 (see, for example, paragraph 0063 of Applicants' specification).

With respect to first logic and second logic (recited in Applicants' claim 15), Applicants direct the Examiner's attention to Fig. 3. In one implementation, the first logic corresponds, for example, to IRC 245 (see, for example, paragraph 0063 of Applicants' specification). In one implementation, the second logic corresponds, for example, to PVQ 235 (see, for example, paragraphs 0060 and 0064 of Applicants' specification).

For at least the foregoing reasons, Applicants submit that the drawings show every feature of the invention specified in the claims. Therefore, Applicants respectfully request that the objection to the drawings be reconsidered and withdrawn.

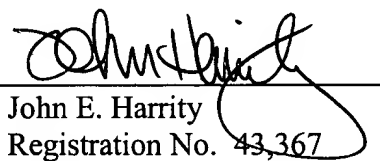
The Examiner objects to claims 6, 8, and 10 due to alleged informalities (Office Action, pg. 2). While not acquiescing in the Examiner's objection to claims 6, 8, and 10, but merely to expedite prosecution, Applicants amend claims 6, 8, and 10 herewith in the manner suggested by the Examiner. Therefore, Applicants respectfully request that the objection to claims 6, 8, and 10 be reconsidered and withdrawn.

In view of the foregoing amendment and remarks, Applicants respectfully request the Examiner's reconsideration of this application, and the timely allowance of the pending claims.

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1070 and please credit any excess fees to such deposit account.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: 
John E. Harrity
Registration No. 43,367

Date: December 8, 2004

11240 Waples Mill Road
Suite 300
Fairfax, Virginia 22030
(571) 432-0800

Customer Number: 45114